

Title (en)
Organopolysiloxanes having a silanol group and process of making them.

Title (de)
Organopolysiloxane mit einer Silanolgruppe und Verfahren zu ihrer Herstellung.

Title (fr)
Organopolysiloxanes ayant une groupe silanol et leur procédé de préparation.

Publication
EP 0639576 A1 19950222 (EN)

Application
EP 94112945 A 19940818

Priority
JP 22643893 A 19930818

Abstract (en)
Novel organopolysiloxanes having one silanol group within a molecule and the method for manufacturing them at high purity and high yield. The organopolysiloxanes having a silanol group are expressed by the formula (1) below: <CHEM> wherein R<1> is a monovalent organic group with 1 to 8 carbon atoms, each of R<2>, R<3> and R<4> is a monovalent organic group with 1 to 8 carbon atoms or a siloxyl group expressed by -OSiR<5>R<6>R<7> wherein R<5>, R<6>, and R<7> are independently substituted or unsubstituted monovalent hydrocarbon groups with 1 to 8 carbon atoms, Y is a hydrogen atom, a halogen atom, or a monovalent organic group of 1 to 12 carbon atoms, n is an integer of from 0 to 12, and a is either 0 or 1, with the proviso that the grouping Y-(CH₂)_n-Si is not H-Si, CH₃-Si or a hydrolyzable silyl group.

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IPC 8 full level
C07F 7/08 (2006.01); **C08G 77/16** (2006.01); **C08G 77/22** (2006.01)

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Citation (search report)
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